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11 Page 1 of 9
2-10-03
A.D.



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/671,100A

DATE: 02/10/2003

TIME: 15:14:01

Input Set : A:\51917-C-PCT-US.txt

Output Set: N:\CRF4\02102003\I671100A.raw

3 <110> APPLICANT: Pinsky, David J
4 Stern, David
5 Schmidt, Ann M
6 Rose, Eric
7 Solomon, Robert A
9 <120> TITLE OF INVENTION: METHODS FOR TREATING ISCHEMIC DISORDER AND IMPROVING STROKE
OUTCOME
11 <130> FILE REFERENCE: 0575/51917-C-PCT-US
13 <140> CURRENT APPLICATION NUMBER: US 09/671,100A
14 <141> CURRENT FILING DATE: 2000-09-27
16 <150> PRIOR APPLICATION NUMBER: PCT/US99/07175
17 <151> PRIOR FILING DATE: 1999-04-01
19 <150> PRIOR APPLICATION NUMBER: US 09/053,871
20 <151> PRIOR FILING DATE: 1998-04-01
22 <160> NUMBER OF SEQ ID NOS: 20
24 <170> SOFTWARE: PatentIn version 3.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 29
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
34 <220> FEATURE:
35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (14)..(16)
37 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
38 amino acids other than serine.
41 <400> SEQUENCE: 1
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46 <211> LENGTH: 30
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
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51 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: (15)..(17)
56 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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57 amino acids other than serine.
60 <400> SEQUENCE: 2
W--> 61 acatgggtc cccnnnatc tccttgacat 30

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64 <210> SEQ. ID NO: 3
65 <211> LENGTH: 31

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67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: (16)..(18)
75 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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76      amino acids other than serine.
79 <400> SEQUENCE: 3
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83 <210> SEQ ID NO: 4
84 <211> LENGTH: 30
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (14)..(16)
94 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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95      amino acids other than serine.
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111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (15)..(17)
113 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
114      amino acids other than serine.
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122 <211> LENGTH: 32
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
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129 <220> FEATURE:
130 <221> NAME/KEY: misc_feature
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132 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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133      amino acids other than serine.
136 <400> SEQUENCE: 6

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W--> 137 aacatgggggt ccccnnnnat ctccttgaca tg                      32
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151 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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164 <220> FEATURE:
165 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
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168 <221> NAME/KEY: misc_feature
169 <222> LOCATION: (15)..(17)
170 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
171      amino acids other than serine.
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183 <220> FEATURE:
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186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (16)..(18)
189 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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203 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (14)..(16)

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208 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
209 amino acids other than aspartic acid and cysteine.
212 <400> SEQUENCE: 10

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224 <220> FEATURE:
225 <221> NAME/KEY: misc_feature
226 <222> LOCATION: (15)..(17)
227 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
228 amino acids other than aspartic acid and cysteine.
231 <400> SEQUENCE: 11

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237 <212> TYPE: DNA
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243 <220> FEATURE:
244 <221> NAME/KEY: misc_feature
245 <222> LOCATION: (16)..(18)
246 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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250 <400> SEQUENCE: 12

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259 <220> FEATURE:
260 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
262 <220> FEATURE:
263 <221> NAME/KEY: misc_feature
264 <222> LOCATION: (14)..(16)
265 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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266 amino acids other than aspartic acid and cysteine.
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274 <211> LENGTH: 31
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX

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281 <220> FEATURE:
282 <221> NAME/KEY: misc_feature
283 <222> LOCATION: (15)..(17)
284 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
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285     amino acids other than aspartic acid and cysteine.
288 <400> SEQUENCE: 14
W--> 289 tccagaagcg caatnnnatg attgtactta t 31
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293 <211> LENGTH: 32
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297 <220> FEATURE:
298 <223> OTHER INFORMATION: Oligonucleotide primer directed to human Factor IX
300 <220> FEATURE:
301 <221> NAME/KEY: misc_feature
302 <222> LOCATION: (16)..(18)
303 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
304     amino acids other than aspartic acid and cysteine.
307 <400> SEQUENCE: 15
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311 <210> SEQ ID NO: 16
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319 <220> FEATURE:
320 <221> NAME/KEY: misc_feature
321 <222> LOCATION: (14)..(16)
322 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
323     amino acids other than aspartic acid and cysteine.
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333 <213> ORGANISM: Artificial Sequence
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338 <220> FEATURE:
339 <221> NAME/KEY: misc_feature
340 <222> LOCATION: (15)..(17)
341 <223> OTHER INFORMATION: NNN is the complement to a DNA codon for any one of the
standard
342     amino acids other than aspartic acid and cysteine.
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349 <210> SEQ ID NO: 18
350 <211> LENGTH: 33
351 <212> TYPE: DNA

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/671,100A

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. ~~14,15,16~~
Seq#:2; N Pos. ~~15,16,17~~
Seq#:3; N Pos. ~~16,17,18~~
Seq#:4; N Pos. ~~14,15,16~~
Seq#:5; N Pos. ~~15,16,17~~
Seq#:6; N Pos. ~~16,17,18~~
Seq#:7; N Pos. ~~14,15,16~~
Seq#:8; N Pos. ~~15,16,17~~
Seq#:9; N Pos. ~~16,17,18~~
Seq#:10; N Pos. ~~14,15,16~~
Seq#:11; N Pos. ~~15,16,17~~
Seq#:12; N Pos. ~~16,17,18~~
Seq#:13; N Pos. ~~14,15,16~~
Seq#:14; N Pos. ~~15,16,17~~
Seq#:15; N Pos. ~~16,17,18~~
Seq#:16; N Pos. ~~14,15,16~~
Seq#:17; N Pos. ~~15,16,17~~
Seq#:18; N Pos. 16,17,18
Seq#:19; N Pos. 16,17,18